

Materials List for

Fabrication of polydimethylsiloxane (PDMS)-Based Flexible Surface-Enhanced Raman Scattering (SERS) Substrate for Ultrasensitive Detection

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jove.com/video/65595

Materials

Name	Company	Catalog Number	Comments
Ammonia (NH ₃ , H ₂ O, 25%)	Beijing Chemical Works		
APTES (98%)	Beyotime	ST1087	
BD-20AC Laboratory Chrona Treater	Electro-Technic Products Inc.	12051A	
D-glucose	Beijing Chemical Works		
Environmental Scanning electron microscope (ESEM)	FEI	QUANTA 250	
Raman microscope	Horiba JY	LabRAM HR Evolution	
Rhodamine 6G	Beijing Chemical Works		
Silicone Elastomer Base and Silicone Elastomer Curing Agent	Dow Corning Corporation	SYLGARD 184	
Silver nitrate	Beijing Chemical Works		
Thiram (C ₆ H ₁₂ N ₂ S ₂ , 99.9%)	Beijing Chemical Works		